

Ø BEAT

COLO. SPRINGS,
COLORADO

Convention City - 1971

DECEMBER 1970

PPRAA IS NOW 20 YEARS OLD--- BEGAN IN 1950 AS EL PASO RADIO CLUB

By Rosemarie Lewis, WAØMNL

The Pikes Peak Radio Amateur Association, which began in November 1950 as the El Paso Radio Club, reached its 20th Anniversary last month.

We talked with Jim Reynolds, WØJMB, one of the original members of the club, to find out what the club was like 20 years ago.

Twenty four interested amateurs signed the log sheet at the first meeting and Jim served as the first president for a two year term and headed the club again several years later.

Prior to the start of the El Paso Club there had been attempts to get a Ham club started here, according to Jim, but the attempt always failed:

u (Cont. on Page 7)

PRESIDENT ANNOUNCES 1971 PPRAA COMMITTEE APPOINTMENTS

The PPRAA committees for the coming year have been announced by President Rosemarie Lewis, WAØMNL.

"This will be a very big year for the PPRAA," said Rosie, "especially with the 1971 convention of the Rocky Mountain Division, ARRL, here in June. I am counting on each committee member to do his or her part to make this one of the biggest years yet for the PPRAA."

Following are the committee appointments announced ARRL Convention Committee:

Bill King, WØ-LKD; Pete Demario, KØUDG; Ed Pompea, KØZPG; Wally Rowland, KØWMD.

ARRL Vice Director
For PPRAA:

Ed Pompea, KØZPG.
/(Cont. on Page 5)

* DECEMBER 9 PPRAA MEETING *
* TO BE 'DINNER AT DOT'S' *
* Just in case you might have forgotten *
* --Don't show up at the Naval Reserve *
* Training Center for the December 9 *
* PPRAA meeting--you won't find any *
* going on there. If you've made your *
* reservation with Rhea Allison, K5RDY *
* or Linda or Rosie Lewis, WAØMNM or *
* MNL, show up instead at Dot's Fine *
* Foods Restaurant, 1930 S. Nevada, for *
* the "Christmas dinner" meeting. The *
* festivities start at 6 p.m. with cock- *
* tails at the bar in the dining room and *
* dinner at 7. The complete fried chick- *
* en or turkey dinner, including tax and *
* tip, is \$3. Entertainment by the famed *
* Barbership "High Country 4" which in- *
* cludes our own Oak Stockton. *

BOARD OF DIRECTORS

Pres. - Rosemarie Lewis, WAØMNL
Vice Pres. - George Kowalski, WØGCH
Secty. - Oakley Stockton, KØROL
Treas. - John Kester, WAØLVL

Pete Demario, KØUDG, Board Chairman
Ed Pompea, KØZPG, Board Secty.

Dean Jaynes, WAØPJH
Bill King, WØLKD

- O -

Copy deadline for the JANUARY 1971 ZERO BEAT is December 29.

RELIGION AND RADIO

"2. Do you look at your mobile whip wand and wonder that an intelligible signal sprang from a wire out in 6 land, or beyond, and found its way to your slender rod?

"3. Have you found yourself sending cards or calling on an ill fellow Ham, or helping another with his gear?"

"4. Have you been a gentleman as you secure a frequency, or did you use your linear to press the issue?

"5. Have you GRACIOUSLY given way to TRULY Public Service Networks, even when you were having such a pleasant QSO?

"6. Can you find time from your personal Haming to join one or more important Nets to lend a hand?

"If you can answer yes to the above, and find Faith to believe in the Creator who made it all possible--you are a Religious Ham--and most of us are in my experience. Note that we have said nothing about the discussion of Religion on the Air, serving special Missionary Nets, Church or Synagogue membership, etc. These are matters for special consideration. What we are saying is that RELIGION TOUCHES EVERY PHASE OF HAM RADIO just as it does all of life.

"A good Ham is Religious--he has to be
--for hust as 'Ya gotta have Heart,'
gotta have Faith,' But you also 'gotta have

(Continued on Page 3)

PRESIDENT'S COLUMN

More than 45 persons "signed in" at the November meeting, with several out of town guests. The program proved worth while and we all learned a lot.

PPRAA members voted to join the Colorado Council of Radio Clubs. The Council will be fostering the 1976 ARRL National Convention to be held in Colorado. Do we want to ask for this to be held in the Springs? Let's hear some pros and cons and we will discuss it at one of our future meetings.

The December meeting promises to be outstanding, with good food and entertainment. Try to make it.

If a member does not see his or her name in the list of committees in this Zero Beat and wishes to contribute to the club activities, let me know. Remember that it takes active participation by all to make the club function.

I extend to you our sincere wish for a Happy Holiday Season, with my prayers for Peace in the World and Good Health to You and Yours.

May you have many solid contacts during the New Year.

. 73 ---Rosie, WAØMNL.

-O-O-O-O-

Don't forget, the New Year is very near which means 1971 dues are due!!!

EDITORIAL (Continued from Page 3)

Restraint, ' and man do I need that when I throw that switch and nothing happens.' Certain words, usually reserved for the pulpit, just won't help then--or when that mike IS alive."

-O-

May we take this opportunity to wish all Zero Beat readers the Happiest of Holidays and the Best for the New Year to come. A special thanks to all who have contributed to Zero Beat during the past year and a hope that the list of contributors will be a much bigger one in 1971.

-O-

Just before going to press we received word of the results of the election of the new Director and Assistant Director for the ARRL Rocky Mountain Division.

Elected as the new director is Charles M. (Chic) Cotterell, WØSIN, of Lakewood, editor of the Denver Radio Club "Round Table," and as Assistant Director is Allen (Al) Auten, WØECN, former President and now a Board member of the Denver Radio Club.

So it looks like Colorado has scored again, with Carl Smith, WØBWJ, of Denver who was the Director for a number of years now an ARRL Vice President.

Our congratulations to all.

---Frank, WØHWH

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ROSIE'S REPORTINGS

By Rosemarie Lewis, WAØMNL

-rr-

Shirley Kowalski, XYL of George, WØGCH, was featured in the local press in regard to her work with the blind, in a Red Cross program. Blind girls trained by Shirley act as monitors in nursing homes bringing companionship, conversation and a ready ear to listen to residents. Volunteers with normal eyesight require 18 hours of training for the monitor position. Blind volunteers are in training one hour each week for five months. Residents in the homes have greeted the blind monitor program with enthusiasm.

-rr-

WAØVSN, Russ Jefferies, was the leading star in the play "To Kill A Mocking Bird" at Palmer High School.

-rr-

PPRAA AREC, in conjunction with the El Pase Search and Rescue units, spent more than 25 consecutive hours on communications when two college students were missing in the mountains. The search was terminated when the boys turned up at Woodland Park. I received many calls from PPRAA members who, hearing that amateurs were playing a part in the search, offered their services and equipment. It is nice to know many are ready and anxious to help.

-rr-

Clever ceramics were on display at our last club meeting. These are unique in that your call, name, etc., can be put on ash trays, cups, etc. Anyone interested, get in touch with WØQMH in Pueblo, 545-6032.

-rr-

The Pueblo Ham Club will hold its annual Christmas Party December 19 at Gus's Hall, 21st Lane and Santa Fe Drive. Festivities will begin at 6 p.m. and an invitation has been extended to PPRAA members. The cost will be \$3 per person and the meal will be catered, featuring smorgasbord.

There will be a game room and for those who enjoy music, the club has arranged for a four piece band to play (this is an all ham band--two of its members are WA6BGG, Larry, and WØELE, Harold.) Make reservations with Joan Ehlis, WBØALK, 519 Brown Ave., Pueblo, Colo. 81005. Reservations cannot be cancelled after Dec. 15 but must be paid for.

-rr-

KØWMD, Wally Rowland, is recovering from surgery and reports he is making plans for the '71 Rocky Mountain Division ARRL convention to be held here in June.

-rr-

WAØMNM, Linda Lewis, and Jim Vidmar will be married January 9, 1971 at the Sacred Heart Church, 2026 W. Colorado Ave. at 2 p.m. A reception will be held at the IOOF lodge hall, 2228 W. Pikes Peak, following the ceremony. PPRAA members are invited.

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WANTED DEPARTMENT

Novice station --- Devid Rowe, 2203 McArthur Ave. 635-7388.

Novice amateur receiver. Call or visit 510 W. Polk or 632-7843. *Id 475-0250*

Tower 60 to 80 feet from ground. Nick Jett, 632-2178.

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SHORT ITEMS (From the Oakland Radio Club via the CCRC "Circle")

YL filling out an application for a new job came to the question "Length of residence at present address." She replied: "About 40 feet."

Only in the United States is it possible to need more brains to make out the income tax return than it does to make the income.

If you drink a glass of brandy every month for 1200 months, you will live to be 100 years old.

Every year it takes less time to fly around the world and more time to drive to work.

Pretending to be rich keeps people poor.

COMMITTEES (Continued from Page 1)

Trustee of WAØVTV (2 meter FM Repeater)
and WAØVTU (Red Cross station):

George Kowalski, WØGCH.
EC, El Paso/Teller Counties:

George Kowalski, WØGCH
2 Meter FM Group:

Bill King, WØLKD, chairman; Barry Mitchell, W3WKV/Ø; Pete Demario, KØUDG.

2 Meter AM AREC Group:

"Doc" Cornell, WØMCT and Erv Ebel; co-chairmen; Rudy Wroblewski, WAØPJG. - El Paso Search-Rescue Asst. Emergency Coordinator:

Bob Bowers, WAØMQE.

RACES:

Cecil Wood, WØTV. Radio Officer; Eldon Lewis, WAØERA, Asst. Radio Officer

MARS:

Rick Hughes, WBØAXI

NTS:

Rosemarie Lewis, WAØMNL.

Technical Instruction Committee:

Elmer Schadweiler, WAØWJY, chairman; John Summers Sr., WAØHHN; Charles Myers, WAØZCS; James DonCarlos, WØITU; Leroy Smith.

Historian:

William N. Campbell Jr., WØBD; Jim Reynolds, WØJMB; Gene Bacon, WØCNY.

Auction:

Bill Haskin, KØCEN; Oak Stockton, KØROL; Pete Demario, KØUDG; Ida Demario, WAØNTA.

Auditing Committee:

Bill Haskin, KØCEN; Art Mayer, WAØAEH.

Interference Committee:

Harlan Talley, WAØJCS, chairman; Jerry Bishop, WØICQ; Jack Edlow, WØHLE.

YL Committee:

Rhea Allison, K5RDY/Ø; Ida Demario, WAØNTA; Linda Lewis, WAØMNM.

SWOOP Committee (Suffering Wives of Operators):

Iris Summers, XYL of WAØHHN; chairman; Cecilia King, XYL of WØLKD; Liz DonCarlos, XYL of WØITU; Shirley Kowalski, XYL of WØGCH.

Hospitality Committee:

Rhea Allison, K5RDY/Ø, chairman; Bill Ricsh, KØMVH; Barry Cook, WØMOG; Charles Smith, WAØZZS; Fred LaPlante WAØDLZ/Ø, James Zajicek.

Membership Committee:

James DonCarlos, WØITU, chairman; Darrell Vogt, WAØUGW; Dean Jaynes, WAØPJH; Erv Ebel, WØWKV; Maurice Wunderlick, WAØYMP; Harlan Parks, WAØYVS; Allen Mondar, WAØZOH; Chuck Lucas Jr.,

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LAFAYETTE

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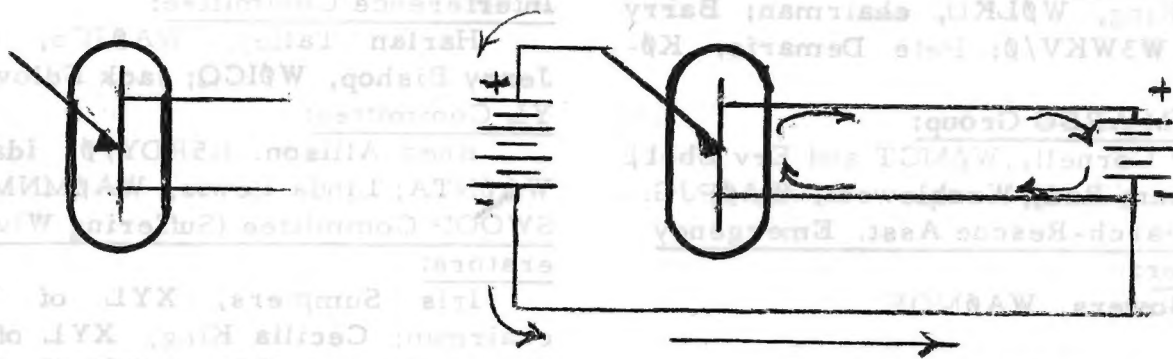
Phone 597-1000

UNDERSTANDING TRANSISTORS

By Jim White, Assoc. Member M.E.M.E., WB6RAG
(From the Tulare County (Calif.) Radio Club "Gridleak"
via the Central California Radio Council "Circle")

LESSON 15

THE UNIUNCTION (Continued)



Unijunction transistors are used extensively as oscillators, timers and triggering circuits. The unijunction may be easily checked for open or shorted elements by using an ohmmeter:

a. The resistance from base 1 to base 2 should be several thousand ohms, depending on unijunction type. (usually about 4K to 10K ohms. Reversing lead polarity should not change the resistance reading.

b. The resistance from emitter to base 1 or base 2 should behave as a resistor in series with a diode. Placing the positive lead on either base 1 or the negative lead on either base 1 or base 2 should result in a reading of 1K

ohms or somewhat more. Reversing polarity should indicate practically infinity.

With reference to the above diagram the emitter diode will be reverse biased and very little current will flow in the emitter circuit, that is providing the cathode voltage remains greater than the voltage present at the anode of the controlling diode. If the anode is made at least .6 volts more positive than the cathode of the controlling diode, the diode will then be in a forward biased state and a large current will flow in the emitter circuit due to the sharp reduction of resistance from emitter to base 1.

COMMITTEES (Continued from Page 5)

WAØWJN; Fred Palmblad, WØCYM; Len Whitmore, KØWPA.

Colorado Council of Radio Clubs:

Oak Stockton, KØROL, delegate; Chuck Myers, WØZCS, alternate delegate.

Committee to host Council for Meet Here:

Chuck Myers, WAØZCS, chairman; Oak Stockton, KØROL; John Kester, WAØLVL; Bill Risch, WØMVH; Bill King, WØLKD.

Program Committee:

Board of Directors.

Special activities Committees for Field Day, Marathon, Picnics, etc. to be announced later.

(Rosie also listed a committee for Zero Beat, but I would prefer if every member--- regardless of other committees, would consider himself or herself on the "Zero Beat Committee" for contributions and whatever help is needed in making this one of the top radio club papers in the country. This is a job that can't be done without everyone's aid and assistance. ---Frank, WØHWH)

PPRAA ANNIVERSARY

(Continued from Page 1)

reason for the failure was the charging of dues by the clubs which were started," Jim stated. "The reason the El Paso Radio Club did so well was that there were no dues charged.

"The sale of door prize tickets helped defray the cost of club operations," Jim explained.

Nine years later, on January 10, 1959, it was decided to collect dues from the club members and at that time the charter members of the El Paso Radio Club were told they would not be asked to pay dues, as a tribute to their fine work in starting the club and making it a success.

Two pictures, featuring the Amateur Radio Emergency Group appeared in the Colorado Springs Free Press July 24, 1951. In the pictures were Vern Thompson, Joe Rohrer, Jim Merrill, Ed "Nip" Neppel, Butch and Carol Schisler, Jim Reynolds and Frank Thornton.

Due to poor health, Jim can no longer be active in the PPRAA, but is interested in its activities. He feels that a club is good for amateurs and feels that there is a definite need for clubs.

"You can't be a hermit---you have to share your experiences with someone else,"

says Jim. "No matter if it was some traffic you handled or a DX contact, some one else was involved, some one else shared it with you.

Clubs are fine in that you can share in this great field of amateur radio with others," added Jim. "Amateur radio experience is not I, but WE."

Jim also congratulated the PPRAA on its 20 years of existence and wished the club the best in the years to come.

Jim listed some of the early members of the club who are still around as Jim Reynolds, WØJMB; Jim Merrill, WØANX; Bill Manlove, WØCFZ; Paul King, WØKSB; Cecil Wood, WØTV; Dayton Sigler, WØZKM; J. T. Hall Jr., WØCOB, and Nip Neppel, now W7JMG.

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HEARD ON THE PARTY LINE

Although we're sure we've heard this one somewhere before, a western ham came out with this one the other day: "Samuel Morse had a code in his head."

Then there is the story of the OM who, as net control, had finally gotten his temper under control after a stormy session. Only to have a local station call CQ on net frequency.

(From AUTO CALL, published by the Foundation for Amateur Radio)

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HEARD ON THE PARTY LINE
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(From AUTO CALL, published by the Foundation for Amateur Radio)

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ZERO BEAT EDITOR

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